

Evening Brief

Date: July 16th, 2021

Preparedness Levels & Great Basin Fire Activity (from WFDSS)

Great Basin	PL 3	Light Initial Attack Activity
National	PL 5	New Fires and Acres: 17 fires for 91.4 acres / 1,265 acres Large Fire Growth

Weather Summary:

... Hot and Smoky Conditions Continue in the North with Thunderstorms diminishing Saturday...

... Increase in Monsoon Moisture Increases from the South Sunday into Next week ...

High pressure will strengthen over the Great Basin this weekend into next week with increasing temperatures and smoky conditions. Smoke will be most prevalent across Idaho and Wyoming, as well as Northern portions of Nevada and Utah. The smoke will help keep temperatures a few degrees lower than they otherwise would be in northern areas, but temperatures will still be well above normal.

Drier air will push in from west to east across the Great Basin Saturday with locally breezy conditions. Monsoon moisture returns by Sunday in the south and spreads north into early next week over parts of western and northern areas of the Great Basin for the next chance of significant lightning on Monday and Tuesday. **High Risk** has been issued for Sunday for Lightning in southern Nevada, and for Monday/Tuesday further north and west into Nevada and Idaho. Monday and Tuesday are the most concerning days as lightning spreads north over much of Nevada into Idaho, where fuels have been exceptionally dry, but this threat may linger in the north into mid-week. Thunderstorms will mostly be located over the eastern half of the Great Basin and at times in Idaho and Wyoming from mid to late next week. We will have to monitor the amount of moisture as storms spread north, but it looks like a good portion of Idaho into parts of Northern and Western Nevada will see drier lightning, with deeper moisture south and east.

Fuels/Fire Potential:

... Fuels and Fire Behavior Advisory in effect for Utah, the Arizona Strip and Southern/Eastern/Central Nevada ...

The continued hot and dry weather has caused fire danger values to rapidly increase to the 90th -97th percentile over much of the northern two thirds of the Geographic Area. Fuels in the southern third of the Great Basin have moistened significantly in some areas with the deeper push of monsoonal moisture. Areas north of Highway 50 and west of I-15 should remain critically dry through the weekend, although higher humidity, and clouds/smoke could briefly take the edge off critical fuel dryness in many central areas as well.

Some of the driest areas are now up in Idaho, and into Northern and Western Nevada and Northern Utah, where ERC's are near or exceeding record levels in many areas, and any lightning there will have a good potential for ignition and growth.

Resources:

Aviation within the Great Basin

- 0 VLAT, 0 LATs, 0 CL-415
- 25 SEATs, 2 FB, 10 AA, 1 ASM, 0 LP
- 9 Type 1 Helicopters / 5 Comm.
- 6 Type 2 Helicopters / 3 Comm.
- 18 Type 3 Helicopters / 5 Comm.

Crews Committed within the Great Basin

- 5 IHCs / 1 Available / 4 R&R
- 8 Type 2IA / 1 Available / 3 R&R

Current Incident Details

Todays Activity (from WFDSS):

Incident Name	Unique Fire Identifier	Size	Status	Latitude	Longitude	Pt. of Origin Sage Grouse Habitat
*East Weaver	2021-UTUOA-100179	4	Not Contained	39.21259	-109.7849	GHMA
*Ferber	2021-UTSLD-000529	0.1	Controlled 07/15/21	40.27264	-114.0016	NO
*Mercur	2021-UTSLD-000530	0.1	Contained 07/16/21	40.29943	-112.2344	NO
*Flint	2021-UTCCD-000507	0.25	Out 07/16/21	38.10501	-113.4728	NO
*Fort Hall Assist 6	2021-IDFHA-000130	0.5	Controlled 07/16/21	42.88794	-112.5985	NO
*Nat Out Ten	2021-NVELD-040124	0.1	Not Contained	37.611137	-114.536511	OHMA
Pope	2021-IDSCF-021149	0.1	Out 07/16/21	45.08224	-113.855	IHMA
Bohannon	2021-IDIFD-021150	0.25	Not Contained	45.21109	-113.682	NO
Kirtley	2021-IDIFD-021151	0.1	Out 07/16/21	45.26066	-113.7272	NO
Sanford Creek	2021-UTDIF-000510	0.1	Contained 07/16/21	37.92357	-112.2486	NO
Herriman	2021-UTNWS-000537	7.5	Not Contained	40.49295	-112.0608	NO
WELL	2021-NVCLRX-501089	0.1	Not Contained	36.09516	-114.9478	NO
Shale Creek	2021-WYBTF-002109	73.5	Not Contained	42.236417	-110.60625	NO
Pacific Creek 2	2021-WYBTF-002110	0.1	Not Contained	43.945	-110.486667	NO
Haynes	2021-IDSCF-021154	4	Not Contained	44.98703	-113.8331	NO
Camper	2021-UTSCS-210336	0.1	Controlled 07/16/21	38.88258	-112.4246	NO
Copper	2021-IDPAF-000421	0.5	Not Contained	45.09061	-115.1146	NO

* Fires occurred previous night, not today

For additional information go to: [Great Basin Coordination Center Web Site](#)